Title (en)
METHOD AND APPARATUS FOR CONTROLLING AN ACTUATABLE SAFETY DEVICE

Title (de)
VERFAHREN UND VORRICHTUNG ZUR STEUERUNG EINER EINSCHALTBAREN SICHERHEITSVORRICHTUNG

Title (fr)
PROCÉDÉ ET APPAREIL DE COMMANDE D UN DISPOSITIF DE SÉCURITÉ POUVANT ÊTRE ACTIONNÉ

Publication
EP 2321153 A4 20130911 (EN)

Application
EP 09810479 A 20090821

Priority
• US 2009054579 W 20090821
• US 20040708 A 20080828

Abstract (en)
[origin: WO2010025088A1] A method for determining a crash condition of a vehicle comprises the step of sensing crash acceleration in a first direction substantially parallel to a front-to-rear axis of the vehicle and providing a first crash acceleration signal indicative thereof. The method also comprises ihe step of sensing crash acceleration in a second direction substantially parallel to a skie-to-side axis of the vehicle and providing a second crash acceleration signal indicative thereof. The method further comprises the steps of determining a crash metric value functionally related to the sensed crash acceleration based on the second acceleration signal and comparing the determined crash metric value as a function of the sensed first crash acceleration signal against an associated threshold. The method still further comprises the step of determining a crash condition of the vehicle in response to (a) the comparison and (b) the first acceleration signal.

IPC 8 full level
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CPC (source: EP KR US)
B60R 21/00 (2013.01 - KR); **B60R 21/01** (2013.01 - KR); **B60R 21/0132** (2013.01 - EP US); **B60R 21/0136** (2013.01 - KR); B60R 2021/01322 (2013.01 - US)

Citation (search report)
• [AD] US 6036225 A 20000314 - FOO CHEK-PENG [US], et al
• [A] US 6353782 B1 20020305 - KUNIMI TAKASHI [JP], et al
• [A] EP 0434679 B1 19930512
• See references of WO 2010025088A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2010025088 A1 20100304; BR PI0917357 A2 20151117; BR PI0917357 B1 20191029; CN 102137775 A 20110727; CN 102137775 B 20140305; EP 2321153 A1 20110518; EP 2321153 A4 20130911; EP 2321153 B1 20141008; JP 2012501271 A 20120119; JP 5823860 B2 20151125; KR 101197368 B1 20121105; KR 20110051259 A 20110517; US 2010057302 A1 20100304; US 8095275 B2 20120110

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US 2009054579 W 20090821; BR PI0917357 A 20090821; CN 200980133341 A 20090821; EP 09810479 A 20090821; JP 2011525109 A 20090821; KR 20117007005 A 20090821; US 20040708 A 20080828